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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

Group Art Unit: 1655

Examiner: Lisa B. Arthur

18/c
B. Webb
5/29/01

In Re Application of:

Inventor(s) : Ellen M. Heath *et al.*

Serial No. : 09/241,636

Filed : February 2, 1999

For : PROCESSES FOR ISOLATING, AMPLIFYING AND
CHARACTERIZING DNA

Attorney Docket No. : 5253

RESPONSE TO OFFICE ACTION

Assistant Commissioner of Patents
Washington, D.C. 20231

IN THE CLAIMS

The amended claims are as follows. Claims with insertions and deletions are shown in
Appendix A.

- C1
1. A process for characterizing DNA comprising a step of isolating nucleic acids, wherein the step of isolating comprises the steps of:
 - (a) contacting a biological material that contains DNA with a solid support treated with a lysing reagent wherein the solid support has not contacted the biological material at the time of treatment;
 - (b) treating the biological material that contains DNA with a DNA purifying reagent;
 - (c) purifying the DNA from the remainder of the biological material; and
 - (d) analyzing the purified DNA,

wherein the lysing reagent is bound to the solid support and any unbound lysing reagent is